CLAIMS

1. An electromedical implant (1), in particular a cardiac pacemaker, comprising a telemetry device (53) for the exchange of data with an external apparatus (2) which includes a transmitting device (54) and a receiving device (55), characterized in that a separate energy storage means (56, 57) is respectively provided for each of the transmitting device (54) and the receiving device (55).

2. An implant as set forth in claim 1 characterized in that the energy storage means (56, 57) each include a buffer capacitor.

3. An implant as set forth in claim 1 or claim 2 characterized in that the energy storage means (56) for the transmitting device (54) and the energy storage means (57) for the receiving device (55) include a buffer capacitor of different sizes.

4. An implant as set forth in ~~one of the preceding claims~~ claim 1 characterized in that the two buffer capacitors of the energy storage means (56, 57) can be respectively charged up individually as required.

5. An implant as set forth in ~~one of the preceding claims~~ claim 1 characterized in that the buffer capacitors of the energy storage means (56, 57) are charged up immediately prior to a transmission procedure and a reception procedure respectively.

6. An implant as set forth in ~~one of the preceding claims~~ claim 1 characterized in that the energy storage means (56) for the transmitting device (54) serves as a reserve energy storage means for the receiving device (55).

7. An implant as set forth in ~~one of the preceding claims~~ claim 5 characterized in that

the energy storage means (57) for the receiving device (55) serves as a reserve energy storage means (54).

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8. An implant as set forth in ~~one of the preceding claims~~ claim 1 characterized in that the two energy storage means (56, 57) can be connected in parallel or in series with each other.

Add B2